

NEWS 14 JUL 19 Coverage of Research Disclosure reinstated in DWPI
NEWS 15 AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 16 AUG 28 ADISCTI Reloaded and Enhanced
NEWS 17 AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 18 SEP 11 CA/CAplus enhanced with more pre-1907 records
NEWS 19 SEP 21 CA/CAplus fields enhanced with simultaneous left and right truncation

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:01:19 ON 21 SEP 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:01:32 ON 21 SEP 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4
DICTIONARY FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Effective September 24, 2006, Concord 3D coordinates will no longer be available. Please contact CAS Customer Care (<http://www.cas.org/supp.html>) if you have a need for 3D coordinates.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s MAGVGCCA/sqsp

L1 10 MAGVGCCA/SQSP

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
28.89	29.10

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 11:02:09 ON 21 SEP 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Sep 2006 VOL 145 ISS 13
FILE LAST UPDATED: 20 Sep 2006 (20060920/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 11/thu

	6 L1
	813486 THU/RL
L2	0 L1/THU
	(L1 (L) THU/RL)

=> s 11

L3	6 L1
----	------

=> d ibib 1-6

L3 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1205848 CAPLUS
Correction of: 2005:951102

DOCUMENT NUMBER: 143:417062
Correction of: 143:300090

TITLE: Antisense transcription in the mammalian transcriptome
AUTHOR(S): Katayama, S.; Tomanu, Y.; Kasukawa, T.; Waki, K.;
Nakanishi, M.; Nakamura, M.; Nishida, H.; Yap, C. C.;
Suzuki, M.; Kawai, J.; Suzuki, H.; Carninci, P.;
Hayashizaki, Y.; Wells, C.; Frith, M.; Ravasi, T.;
Pang, K. C.; Hallinan, J.; Mattick, J.; Hume, D. A.;
Lipovich, L.; Batalov, S.; Engstroem, P. G.; Nizuno,
Y.; Faghihi, M. A.; Sandelin, A.; Chalk, A. M.;
Mottagui-Tabar, S.; Liang, Z.; Lenhard, B.;
Wahlestedt, C.

CORPORATE SOURCE: RIKEN Genome Exploration Research Group, Lab. Genome
Explor. Res. Group, RIKEN Genomic Sci. Cent., RIKEN
Yokohama Inst., Yokohama, 230-0045, Japan; Genome
Science Group; FANTOM Consortium

SOURCE: Science (Washington, DC, United States) (2005),
309(5740), 1564-1566

CODEN: SCIEAS; ISSN: 0036-8075

PUBLISHER: American Association for the Advancement of Science

DOCUMENT TYPE: Journal
LANGUAGE: English

L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:979659 CAPLUS

DOCUMENT NUMBER: 142:18207

TITLE: The status, quality, and expansion of the NIH full-length cDNA project: The mammalian gene collection (MGC)

AUTHOR(S): Gerhard, Daniela S.; Wagner, Lukas; Feingold, Elise A.; Shenmen, Carolyn M.; Grouse, Lynette H.; Schuler, Greg; Klein, Steven L.; Old, Susan; Rasooly, Rebekah; Good, Peter; Guyer, Mark; Peck, Allicon M.; Derge, Jeffery G.; Lipman, David; Collins, Francis S.

CORPORATE SOURCE: The MGC Project Team, NIH, USA

SOURCE: Genome Research (2004), 14(10b), 2121-2127

CODEN: GEREFS; ISSN: 1088-9051

PUBLISHER: Cold Spring Harbor Laboratory Press

DOCUMENT TYPE: Journal

LANGUAGE: English

L3 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:905602 CAPLUS

DOCUMENT NUMBER: 141:362389

TITLE: Human protein Spi2A for the inhibition of cathepsins, and therapeutic use

INVENTOR(S): Ashton-Rickardt, Philip

PATENT ASSIGNEE(S): The University of Chicago, USA

SOURCE: U.S. Pat. Appl. Publ., 80 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004214773	A1	20041028	US 2004-782401	20040219
CA 2514395	AA	20050728	CA 2004-2514395	20040219
WO 2005067958	A2	20050728	WO 2004-US4954	20040219
WO 2005067958	A3	20050915		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004311370	A1	20050915	AU 2004-311370	20040219
EP 1594532	A2	20051116	EP 2004-821117	20040219
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			US 2003-448285P	P 20030219
			WO 2004-US4954	W 20040219

L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:15306 CAPLUS

DOCUMENT NUMBER: 126:115041

TITLE: Identification of a serpin specifically expressed in multipotent and bipotent hematopoietic progenitor cells and in activated T cells

AUTHOR(S): Hampson, I. N.; Hampson, L.; Pinkoski, M.; Cross, M.;

Heyworth, C. M.; Bleackley, R. C.; Atkinson, E.;
Dexter, T. M.
CORPORATE SOURCE: CRC Dep. of Experimental Haematology, Paterson Inst.
of Cancer Research, Manchester, UK
SOURCE: Blood (1997), 89(1), 108-118
CODEN: BLOOAW; ISSN: 0006-4971
PUBLISHER: Saunders
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1993:18441 CAPLUS
DOCUMENT NUMBER: 118:18441
TITLE: Isolation of two cDNAs encoding novel
 α 1-antichymotrypsin-like proteins in a murine
chondrocytic cell line
AUTHOR(S): Inglis, John D.; Lee, Muriel; Davidson, Duncan R.;
Hill, Robert E.
CORPORATE SOURCE: MRC Hum. Gent. Unit, West. Gen. Hosp., Edinburgh, EH4
2XU, UK
SOURCE: Gene (1991), 106(2), 213-20
CODEN: GENED6; ISSN: 0378-1119
DOCUMENT TYPE: Journal
LANGUAGE: English

L3 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:222555 CAPLUS
DOCUMENT NUMBER: 114:222555
TITLE: The murine Spi-2 proteinase inhibitor locus: a
multigene family with a hypervariable reactive site
domain
AUTHOR(S): Inglis, John D.; Hill, Robert E.
CORPORATE SOURCE: MRC Hum. Genet. Unit, West. Gen. Hosp., Edinburgh, EH4
2XU, UK
SOURCE: EMBO Journal (1991), 10(2), 255-61
CODEN: EMJODG; ISSN: 0261-4189
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d ibib abs 4

L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:15306 CAPLUS
DOCUMENT NUMBER: 126:115041
TITLE: Identification of a serpin specifically expressed in
multipotent and bipotent hematopoietic progenitor
cells and in activated T cells
AUTHOR(S): Hampson, I. N.; Hampson, L.; Pinkoski, M.; Cross, M.;
Heyworth, C. M.; Bleackley, R. C.; Atkinson, E.;
Dexter, T. M.
CORPORATE SOURCE: CRC Dep. of Experimental Haematology, Paterson Inst.
of Cancer Research, Manchester, UK
SOURCE: Blood (1997), 89(1), 108-118
CODEN: BLOOAW; ISSN: 0006-4971
PUBLISHER: Saunders
DOCUMENT TYPE: Journal
LANGUAGE: English

AB We have identified a gene that has a high level of mRNA expression in
undifferentiated, multipotential hematopoietic cells (FDCP-Mix) and that
downregulates both transcript and protein, as these cells are induced to
differentiate into mature myeloid cells. Sequence anal. of this gene has
identified it as a serine protease inhibitor EB22/3 (serpin 2A).

Constitutive expression of serpin 2A in FDCP-Mix cells was associated with an increase in the clonogenic potential of the cells and with a delay in the appearance of fully mature cells in cultures undergoing granulocyte macrophage differentiation when compared with control cells. Serpin 2A was also found to be expressed in bone marrow-derived bipotent granulocyte macrophage progenitor cells (GM-colony forming cell [CFC]), but not in erythrocyte progenitor cells from day 15 fetal liver. Expression of serpin 2A also showed a marked up regulation during the activation of cytotoxic suppressor CD8+ T cells, with a clear lag between the appearance of transcript and detection of protein.

REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	12.91	42.01
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

STN INTERNATIONAL LOGOFF AT 11:04:08 ON 21 SEP 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3 FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	4 MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS	5 MAY 11	KOREAPAT updates resume
NEWS	6 MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	7 MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2
NEWS	8 MAY 30	The F-Term thesaurus is now available in CA/CAPLUS
NEWS	9 JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS	10 JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and

and display fields

NEWS 11 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL

NEWS 12 JUL 11 CHEMSAFE reloaded and enhanced

NEWS 13 JUL 14 FSTA enhanced with Japanese patents

NEWS 14 JUL 19 Coverage of Research Disclosure reinstated in DWPI

NEWS 15 AUG 09 INSPEC enhanced with 1898-1968 archive

NEWS 16 AUG 28 ADISCTI Reloaded and Enhanced

NEWS 17 AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes

NEWS 18 SEP 11 CA/CAplus enhanced with more pre-1907 records

NEWS 19 SEP 21 CA/CAplus fields enhanced with simultaneous left and right truncation

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:12:16 ON 21 SEP 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:12:27 ON 21 SEP 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4

DICTIONARY FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Effective September 24, 2006, Concord 3D coordinates will no longer be available. Please contact CAS Customer Care (<http://www.cas.org/supp.html>) if you have a need for 3D coordinates.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s vgcc/sqsl
'SQL' IS NOT A VALID FIELD CODE
L1 0 VGCC/SQL

=> s vgcc/sqsp
L2 2415 VGCC/SQSP

=> s gcc/sqsp
L3 3545 GCCA/SQSP

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	58.66	58.87

FILE 'CAPLUS' ENTERED AT 14:14:50 ON 21 SEP 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Sep 2006 VOL 145 ISS 13
FILE LAST UPDATED: 20 Sep 2006 (20060920/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 12/thu
1150 L2
813486 THU/RL
L4 215 L2/THU
(L2 (L) THU/RL)

=> s 14 not py>2002
4360963 PY>2002
L5 31 L4 NOT PY>2002

=> s 15 and infection
261756 INFECTION
76137 INFECTIONS
298734 INFECTION
(INFECTION OR INFECTIONS)
L6 5 L5 AND INFECTION

=> d ibib 1-5

L6 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:829903 CAPLUS
DOCUMENT NUMBER: 140:176261
TITLE: Protein and cDNA sequences of a 9.35-kilodalton human

DNA methylase sequence homolog and their therapeutic uses

INVENTOR(S): Mao, Yumin; Xie, Yi

PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 31 pp.
CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1382792	A	20021204	CN 2001-112730	20010426
PRIORITY APPLN. INFO.:			CN 2001-112730	20010426

L6 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:107387 CAPLUS

DOCUMENT NUMBER: 136:162368

TITLE: Protein and cDNA sequences of a novel human 12.98 kDa zinc finger-containing protein and therapeutic uses

INVENTOR(S): Mao, Yumin; Xie, Yi

PATENT ASSIGNEE(S): Shanghai Biowindow Gene Development Inc., Peop. Rep. China

SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002010211	A1	20020207	WO 2001-CN1106	20010629
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CN 1331218	A	20020116	CN 2000-116936	20000630
AU 2002012053	A5	20020213	AU 2002-12053	20010629
PRIORITY APPLN. INFO.:			CN 2000-116936	A 20000630
			WO 2001-CN1106	W 20010629

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:670091 CAPLUS

DOCUMENT NUMBER: 131:297112

TITLE: Cloning, sequence, expression and therapeutic use of human DNA topoisomerase I α

INVENTOR(S): Wei, Ying-fei; Adams, Mark D.; Fleischmann, Robert D.

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA

SOURCE: U.S., 27 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5968803	A	19991019	US 1998-33153	19980302
US 6255077	B1	20010703	US 1999-325430	19990604
US 2002061527	A1	20020523	US 2001-871615	20010604
PRIORITY APPLN. INFO.:			WO 1994-US5701	A2 19940518
			US 1995-458477	A3 19950602
			US 1998-33153	A3 19980302
			US 1999-325430	A3 19990604

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:157383 CAPLUS
 DOCUMENT NUMBER: 128:201794
 TITLE: Cloning and expression of human DNA topoisomerase I- α and method for identification of antagonists and use of antagonists for therapy
 INVENTOR(S): Wei, Ying-fei; Adams, Mark D.; Fleischmann, Robert D.
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA
 SOURCE: U.S., 27 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5723311	A	19980303	US 1995-458477	19950602
US 6255077	B1	20010703	US 1999-325430	19990604
US 2002061527	A1	20020523	US 2001-871615	20010604
PRIORITY APPLN. INFO.:			WO 1994-US5701	A2 19940518
			US 1995-458477	A3 19950602
			US 1998-33153	A3 19980302
			US 1999-325430	A3 19990604

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1997:679205 CAPLUS
 DOCUMENT NUMBER: 127:355960
 TITLE: Nucleic acid and amino acid sequences relating to Helicobacter pylori and vaccine compositions
 INVENTOR(S): Smith, Douglas; Alm, Richard A.
 PATENT ASSIGNEE(S): Astra AB, Swed.; Smith, Douglas; Alm, Richard A.
 SOURCE: PCT Int. Appl., 1144 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9737044	A1	19971009	WO 1997-US5223	19970327
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, US, US, US, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2248985	AA	19971009	CA 1997-2248985	19970327

AU 9725984	A1	19971022	AU 1997-25984	19970327
AU 726892	B2	20001123		
ZA 9702715	A	19980625	ZA 1997-2715	19970327
EP 901530	A1	19990317	EP 1997-917731	19970327
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1220703	A	19990623	CN 1997-195113	19970327
BR 9708456	A	19990803	BR 1997-8456	19970327
JP 2000501621	T2	20000215	JP 1997-529649	19970327
NZ 332565	A	20000327	NZ 1997-332565	19970327
NO 9804517	A	19981125	NO 1998-4517	19980928
PRIORITY APPLN. INFO.:			US 1996-625811	A2 19960329
			US 1996-758731	A2 19960402
			US 1996-736905	A2 19961025
			US 1996-738859	A2 19961028
			US 1996-761318	A2 19961206
			WO 1997-US5223	W 19970327

=> sel rn 3
E1 THROUGH E6 ASSIGNED

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.55	71.42

FILE 'REGISTRY' ENTERED AT 14:16:18 ON 21 SEP 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4
DICTIONARY FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Effective September 24, 2006, Concord 3D coordinates will no longer be available. Please contact CAS Customer Care (<http://www.cas.org/supp.html>) if you have a need for 3D coordinates.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s el-e6

```

1 143180-75-0/BI
  (143180-75-0/RN)
1 172929-66-7/BI
  (172929-66-7/RN)
1 172929-65-6/BI
  (172929-65-6/RN)
1 247066-87-1/BI
  (247066-87-1/RN)

```

```

1 247066-88-2/BI
  (247066-88-2/RN)
1 247067-58-9/BI
  (247067-58-9/RN)
L7 6 (143180-75-0/BI OR 172929-66-7/BI OR 172929-65-6/BI OR 247066-87
    -1/BI OR 247066-88-2/BI OR 247067-58-9/BI)

```

=> d his

(FILE 'HOME' ENTERED AT 14:12:16 ON 21 SEP 2006)

FILE 'REGISTRY' ENTERED AT 14:12:27 ON 21 SEP 2006

```

L1      0 S VGCC/SQSL
L2      2415 S VGCC/SQSP
L3      3545 S GCCA/SQSP

```

FILE 'CAPLUS' ENTERED AT 14:14:50 ON 21 SEP 2006

```

L4      215 S L2/THU
L5      31 S L4 NOT PY>2002
L6      5 S L5 AND INFECTION
        SEL RN 3

```

FILE 'REGISTRY' ENTERED AT 14:16:18 ON 21 SEP 2006

```

L7      6 S E1-E6

```

=> s 17 and 12

```

L8      2 L7 AND L2

```

=> s rn sql seq

```

3060 RN
52 RNS
3110 RN
(RN OR RNS)
2 SQL
19963 SEQ
1 SEQS
19964 SEQ
(SEQ OR SEQS)

```

```

L9      0 RN SQL SEQ
        (RN(W) SQL(W) SEQ)

```

=> d 18 rn sql se

'SE' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

```

REG      - RN
SAM      - Index Name, MF, and structure - no RN
FIDE     - All substance data, except sequence data
IDE      - FIDE, but only 50 names
SQIDE    - IDE, plus sequence data
SQIDE3   - Same as SQIDE, but 3-letter amino acid codes are used
SQD      - Protein sequence data, includes RN
SQD3     - Same as SQD, but 3-letter amino acid codes are used
SQN      - Protein sequence name information, includes RN

```

```

CALC     - Table of calculated properties
EPROP    - Table of experimental properties
PROP     - EPROP and CALC

```

Any CA File format may be combined with any substance format to

obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):end

=> d 18 rn sql seq

L8 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN
RN 247067-58-9 REGISTRY
SQL 633

SEQ 1 IKPLKRPRDE DDVDYKPKKI KTEDTKKEKK RKLEEEEDGK LKKPKNKDKD
51 KKVPEPDNKK KKPKEEEQK WKWWEERYP EGIKWKLEH KGPVFAPPYE
101 PLPENVKFYY DGKVMKLSPK AEEVATFFAK MLDHEYTTKE IFRKNFFKDW
151 RKEMTNEEKI IITNLSKCDF TQMSQYFKAQ TEARKQMSKE EKLKIKEENE
201 KLLKEYGFCI MDNHKERIAN FKIEPPGLFR GRGNHPKMG M LKRRIMPEDI
251 IINCSKDAKV PSPPPGHKWK EVRHDNKVTW LVSWTENIQG SIKYIMLNPS
301 SRIKGEKDWQ KYETARRLKK CVDKIRNQYR EDWKSSEMKV RQRAVALYFI
351 DKLALRAGNE KEEGETADTV GCCSLRVEHI NLHPELDGQE YVVEFDLFGK
= ==
401 DSIRYYNKVP VEKRVFKNLQ LFMENKQPED DLFDRNTGI LNKHLQDLME
451 GLTAKVFRTY NASITLQQQL KELTAPDENI PAKILSYNRA NRAVAILCNH
501 QRAPPKTFEK SMMNLQTKID AKKEQLADAR RDLKSAKADA KVMKDAKTKK
551 VVESKKKAVQ RLEEQLMKLE VQATDREENK QIALGTSKLN YLDPRITVAW
601 CKKWGVPIEK IYNKTQREKF AWAIDMADED YEF
HITS AT: 370-373

=> d 18 rn sql seq 1-2

L8 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN
RN 247067-58-9 REGISTRY
SQL 633

SEQ 1 IKPLKRPRDE DDVDYKPKKI KTEDTKKEKK RKLEEEEDGK LKKPKNKDKD
 51 KKVPEPDNKK KKPKEEEQK WKWWEERYYP EGIKWKFLEH KGPVFAPPYE
 101 PLPENVKFYY DGKVMKLSPK AEEVATFFAK MLDHEYTTKE IFRKNFFKDW
 151 RKEMTNEEKN IITNLSKCDF TQMSQYFKAQ TEARKQMSKE EKLKIKEENE
 201 KLLKEYGFCI MDNHKERIAN FKIEPPGLFR GRGNHPKMG M LKRRIMPEDI
 251 IINCSKDAKV PSPPPGHKWK EVRHDNKVTW LVSWTENIQG SIKYIMLNPS
 301 SRIKGEKDWQ KYETARRLKK CVDKIRNQYR EDWKSSEMKV RQRAVALYFI
 351 DKLALRAGNE KEEGETADTV GCCSLRVEHI NLHPELDGQE YVVEFDLFGK
 = ===
 401 DSIRYYNKVP VEKRVFKNLQ LFMENKQPED DLFDRNLNTGI LNKHLQDLME
 451 GLTAKVFRTY NASITLQQQL KELTAPDENI PAKILSYNRA NRAVAILCNH
 501 QRAPPKTFEK SMMNLQTKID AKKEQLADAR RDLKSAKADA KVMKDAKTKK
 551 VVESKKKAVQ RLEEQLMKLE VQATDREENK QIALGTSKLN YLDPRITVAW
 601 CKKWGVPIEK IYNKTQREKF AWAIDMADED YEF

HITS AT: 370-373

L8 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 172929-66-7 REGISTRY
 SQL 601

SEQ 1 MRVVRLLRLR AALTLLGEVP RRPASRGVPG SRRTQKGS GA RWEKEKHEDG
 51 VKWRQLGHKG PYFAPPYEPL PDGVRFFYEG RRVRLSVP AE EVPTFYGRML
 101 DHEYTTKEVF RKNFFNDWRK EMAVEEREVI KSLDKCDFTE IHRYFVDKAA
 151 ARKVLSREEK QKLKEEA EKL QQEFGYCILD GHQEKIGNFK IEPPLFRGR
 201 GDHPKMGMLK RRITPEDVVI NCSRDSKIPE PPAGHQWKEV RSDNTVTWLA
 251 AWTESVQNSI KYIMLNPCSK LKGETAWQKF ETARRLRGFV DEIRSQYRAD
 301 WKSREMKTRQ RAVALYFIDK LALRAGNEKE DGEAADTVGC CSLRVEHVQL
 === =
 351 HPEADGCQHV VEFDFLGKDC IRYYNRVPVE KPVYKNLQLF MENKDPRDDL
 401 FDRLTTTSLN KHLQELMDGL TAKVFRTYNA SITLQEQ LRA LTRAEDSIAA
 451 KILSYNRANR VVAILCNHQR ATPSTFEKSM QNLQTKIQAK KEQVAEARAE
 501 LRRARA EHK A QGDGKSRSVL EKKRRLLEKL QEQLAQLSVQ ATDK EENKQV
 551 ALGTSKLNLYL DPRISIAWCK RFRVPVEKIY SKTQRERFAW ALAMAGEDFE
 601 F

HITS AT: 338-341

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
32.43	103.85

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:18:12 ON 21 SEP 2006
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Sep 2006 VOL 145 ISS 13
 FILE LAST UPDATED: 20 Sep 2006 (20060920/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> d his

(FILE 'HOME' ENTERED AT 14:12:16 ON 21 SEP 2006)

FILE 'REGISTRY' ENTERED AT 14:12:27 ON 21 SEP 2006

L1 0 S VGCC/SQSL
L2 2415 S VGCC/SQSP
L3 3545 S GCCA/SQSP

FILE 'CAPLUS' ENTERED AT 14:14:50 ON 21 SEP 2006

L4 215 S L2/THU
L5 31 S L4 NOT PY>2002
L6 5 S L5 AND INFECTION
SEL RN 3

FILE 'REGISTRY' ENTERED AT 14:16:18 ON 21 SEP 2006

L7 6 S E1-E6
L8 2 S L7 AND L2
L9 0 S RN SQL SEQ

FILE 'CAPLUS' ENTERED AT 14:18:12 ON 21 SEP 2006

=> d l6 3 ibib kwic

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999:670091 CAPLUS
DOCUMENT NUMBER: 131:297112
TITLE: Cloning, sequence, expression and therapeutic use of
human DNA topoisomerase I α
INVENTOR(S): Wei, Ying-fei; Adams, Mark D.; Fleischmann, Robert D.
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA
SOURCE: U.S., 27 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5968803	A	19991019	US 1998-33153	19980302
US 6255077	B1	20010703	US 1999-325430	19990604
US 2002061527	A1	20020523	US 2001-871615	20010604
PRIORITY APPLN. INFO.:			WO 1994-US5701	A2 19940518
			US 1995-458477	A3 19950602
			US 1998-33153	A3 19980302
			US 1999-325430	A3 19990604

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB Disclosed is a human is a DNA topoisomerase I α (hTopI- α)
polypeptide and DNA (RNA) encoding such hTopI- α polypeptide. Also
provided is a procedure for producing such polypeptide by recombinant
techniques and antibodies and antagonists against such polypeptide. Also
provided are methods of using the antibodies and antagonist inhibitors to
inhibit the action of hTopI- α for therapeutic purposes such as an
antitumor agent, to detect an autoimmune disease, or retroviral
infections and to treat adenocarcinoma of the colon. Diagnostic
methods for detecting mutations in the coding sequence and alterations in
the concentration of the polypeptides in a sample derived from a host are also
disclosed.

ST DNA topoisomerase I cDNA sequence; antitumor DNA topoisomerase I;
autoimmune disease DNA topoisomerase I; retroviral infection DNA
topoisomerase I
IT Retroviridae

(detection of retroviral infections; cloning, sequence,
expression and therapeutic use of human DNA topoisomerase I α)

IT Infection
(viral, retroviral, detection of; cloning, sequence, expression and
therapeutic use of human DNA topoisomerase I α)

IT 172929-66-7DP, fusion products
RL: BPN (Biosynthetic preparation); BUU (Biological use, unclassified);
PRP (Properties); THU (Therapeutic use); BIOL (Biological
study); PREP (Preparation); USES (Uses)
(cloning, sequence, expression and therapeutic use of human DNA
topoisomerase I α)

IT 172929-66-7D, subfragments are claimed
RL: BUU (Biological use, unclassified); PRP (Properties); THU
(Therapeutic use); BIOL (Biological study); USES (Uses)
(cloning, sequence, expression and therapeutic use of human DNA
topoisomerase I α)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.99	107.84
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

STN INTERNATIONAL LOGOFF AT 14:19:15 ON 21 SEP 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1	Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	"Ask CAS" for self-help around the clock
NEWS 3 FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 4 MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 5 MAY 11	KOREAPAT updates resume
NEWS 6 MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 7 MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2

NEWS 8 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS
 NEWS 9 JUN 02 The first reclassification of IPC codes now complete in
 INPADOC
 NEWS 10 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
 and display fields
 NEWS 11 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
 NEWS 12 JUL 11 CHEMSAFE reloaded and enhanced
 NEWS 13 JUL 14 FSTA enhanced with Japanese patents
 NEWS 14 JUL 19 Coverage of Research Disclosure reinstated in DWPI
 NEWS 15 AUG 09 INSPEC enhanced with 1898-1968 archive
 NEWS 16 AUG 28 ADISCTI Reloaded and Enhanced
 NEWS 17 AUG 30 CA(SM)/CAPLUS(SM) Austrian patent law changes
 NEWS 18 SEP 11 CA/CAPLUS enhanced with more pre-1907 records
 NEWS 19 SEP 21 CA/CAPLUS fields enhanced with simultaneous left and right
 truncation

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN Welcome Banner and News Items
 NEWS IPC8 For general information regarding STN implementation of IPC 8
 NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
 specific topic.

All use of STN is subject to the provisions of the STN Customer
 agreement. Please note that this agreement limits use to scientific
 research. Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:24:08 ON 21 SEP 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:24:20 ON 21 SEP 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4
 DICTIONARY FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Effective September 24, 2006, Concord 3D coordinates will no longer
 be available. Please contact CAS Customer Care
 (<http://www.cas.org/supp.html>) if you have a need for 3D coordinates.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

```
=> s gccca/sqsl
'SQSL' IS NOT A VALID FIELD CODE
L1          0 GCCA/SQSL
```

```
=> s gccca/sqsp
L2          3545 GCCA/SQSP
```

```
=> file caplus
COST IN U.S. DOLLARS          SINCE FILE          TOTAL
                               ENTRY          SESSION
FULL ESTIMATED COST          28.89          29.10
```

FILE 'CAPLUS' ENTERED AT 14:24:55 ON 21 SEP 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Sep 2006 VOL 145 ISS 13
FILE LAST UPDATED: 20 Sep 2006 (20060920/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

```
=> s 12/thu
      1154 L2
      813486 THU/RL
L3      252 L2/THU
        (L2 (L) THU/RL)
```

```
=> s 13 and infection
      261756 INFECTION
      76137 INFECTIONS
      298734 INFECTION
        (INFECTION OR INFECTIONS)
L4      35 L3 AND INFECTION
```

```
=> s 14 not py>2001
      5339150 PY>2001
L5      4 L4 NOT PY>2001
```

```
=> d ibib 1-4
```

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2000:774011 CAPLUS
DOCUMENT NUMBER: 133:345597

TITLE: Cloning of trypanosome ADP ribosylation factor ARF-1 cDNA and its use to inhibit trypanosome growth for the prevention and treatment of trypanosomosis

INVENTOR(S): Olijhoek, Antonius J. M.

PATENT ASSIGNEE(S): Stichting Dienst Landbouwkundig Onderzoek, Neth.; International Livestock Research Institute (Ilri)

SOURCE: Eur. Pat. Appl., 37 pp.
CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1048728	A1	20001102	EP 1999-201300	19990426
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			EP 1999-201300	19990426

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:21631 CAPLUS

DOCUMENT NUMBER: 130:77966

TITLE: sequence and therapeutic applications for human s-adenosyl-5-homocysteine hydrolase derived from bladder

INVENTOR(S): Hillman, Jennifer L.; Corley, Neil C.; Lal, Preeti; Shah, Purvi

PATENT ASSIGNEE(S): Incyte Pharmaceuticals, Inc., USA

SOURCE: U.S., 40 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5854023	A	19981229	US 1997-896005	19970717
PRIORITY APPLN. INFO.:			US 1997-896005	19970717
REFERENCE COUNT:	23	THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:268618 CAPLUS

DOCUMENT NUMBER: 128:320570

TITLE: Molecular cloning of a novel human CC chemokine LARC (liver and activation-regulated chemokine) and clinical use of LARC

INVENTOR(S): Nomiyama, Hisayuki; Imai, Toshio; Yoshie, Osamu

PATENT ASSIGNEE(S): Shionogi & Co., Ltd., Japan

SOURCE: PCT Int. Appl., 52 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9817800	A1	19980430	WO 1997-JP2557	19970724
W: JP, US				
PRIORITY APPLN. INFO.:			JP 1996-274998	A 19961017
			JP 1997-18038	A 19970131
REFERENCE COUNT:	9	THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS		

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:679205 CAPLUS
 DOCUMENT NUMBER: 127:355960
 TITLE: Nucleic acid and amino acid sequences relating to Helicobacter pylori and vaccine compositions
 INVENTOR(S): Smith, Douglas; Alm, Richard A.
 PATENT ASSIGNEE(S): Astra AB, Swed.; Smith, Douglas; Alm, Richard A.
 SOURCE: PCT Int. Appl., 1144 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9737044	A1	19971009	WO 1997-US5223	19970327
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, US, US, US, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2248985	AA	19971009	CA 1997-2248985	19970327
AU 9725984	A1	19971022	AU 1997-25984	19970327
AU 726892	B2	20001123		
ZA 9702715	A	19980625	ZA 1997-2715	19970327
EP 901530	A1	19990317	EP 1997-917731	19970327
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1220703	A	19990623	CN 1997-195113	19970327
BR 9708456	A	19990803	BR 1997-8456	19970327
JP 2000501621	T2	20000215	JP 1997-529649	19970327
NZ 332565	A	20000327	NZ 1997-332565	19970327
NO 9804517	A	19981125	NO 1998-4517	19980928
PRIORITY APPLN. INFO.:				
				US 1996-625811 A2 19960329
				US 1996-758731 A2 19960402
				US 1996-736905 A2 19961025
				US 1996-738859 A2 19961028
				US 1996-761318 A2 19961206
				WO 1997-US5223 W 19970327

=> d ibib kwic 1-4

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:774011 CAPLUS
 DOCUMENT NUMBER: 133:345597
 TITLE: Cloning of trypanosome ADP ribosylation factor ARF-1 cDNA and its use to inhibit trypanosome growth for the prevention and treatment of trypanosomosis
 INVENTOR(S): Olijhoek, Antonius J. M.
 PATENT ASSIGNEE(S): Stichting Dienst Landbouwkundig Onderzoek, Neth.; International Livestock Research Institute (Ilri)
 SOURCE: Eur. Pat. Appl., 37 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1048728	A1	20001102	EP 1999-201300	19990426
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			EP 1999-201300	19990426
IT Infection (trypanosomiasis; cloning of trypanosome ADP ribosylation factor ARF-1 cDNA and its use to inhibit trypanosome growth for prevention and treatment of trypanosomosis)				
IT 304489-99-4P RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (amino acid sequence; cloning of trypanosome ADP ribosylation factor ARF-1 cDNA and its use to inhibit trypanosome growth for prevention and treatment of trypanosomosis)				

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:21631 CAPLUS
DOCUMENT NUMBER: 130:77966
TITLE: sequence and therapeutic applications for human s-adenosyl-5-homocysteine hydrolase derived from bladder
INVENTOR(S): Hillman, Jennifer L.; Corley, Neil C.; Lal, Preeti; Shah, Purvi
PATENT ASSIGNEE(S): Incyte Pharmaceuticals, Inc., USA
SOURCE: U.S., 40 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5854023	A	19981229	US 1997-896005	19970717
PRIORITY APPLN. INFO.:			US 1997-896005	19970717
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				
AB The invention provides a human S-adenosyl-5-homocysteine hydrolase (SAHH) and polynucleotides which identify and encode SAHH. The invention also provides expression vectors, host cells, agonists, antibodies and antagonists. The invention also provides methods for treating disorders associated with expression of SAHH including infection, neoplastic disorders and disorders of the immune system.				
IT Infection Neoplasm (diagnosis and treatment for; sequence and therapeutic applications for human s-adenosyl-5-homocysteine hydrolase derived from bladder)				
IT 218780-80-4 RL: BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; sequence and therapeutic applications for human s-adenosyl-5-homocysteine hydrolase derived from bladder)				

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:268618 CAPLUS
DOCUMENT NUMBER: 128:320570
TITLE: Molecular cloning of a novel human CC chemokine LARC (liver and activation-regulated chemokine) and clinical use of LARC
INVENTOR(S): Nomiyama, Hisayuki; Imai, Toshio; Yoshie, Osamu
PATENT ASSIGNEE(S): Shionogi & Co., Ltd., Japan
SOURCE: PCT Int. Appl., 52 pp.

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9817800	A1	19980430	WO 1997-JP2557	19970724
W: JP, US				
PRIORITY APPLN. INFO.:			JP 1996-274998	A 19961017
			JP 1997-18038	A 19970131
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				
ST human cDNA sequence CC chemokine LARC; infection inflammation				
LARC chemokine				
IT Infection				
Inflammation				
(diagnosis and treatment of; mol. cloning of a novel human CC chemokine LARC (liver and activation-regulated chemokine) and clin. use of LARC)				
IT 177404-39-6, DNA (human chemokine β -4 cDNA) 206455-87-0				
RL: BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study);				
OCCU (Occurrence); USES (Uses)				
(nucleotide sequence; mol. cloning of a novel human CC chemokine LARC (liver and activation-regulated chemokine) and clin. use of LARC)				

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1997:679205 CAPLUS
 DOCUMENT NUMBER: 127:355960
 TITLE: Nucleic acid and amino acid sequences relating to Helicobacter pylori and vaccine compositions
 INVENTOR(S): Smith, Douglas; Alm, Richard A.
 PATENT ASSIGNEE(S): Astra AB, Swed.; Smith, Douglas; Alm, Richard A.
 SOURCE: PCT Int. Appl., 1144 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9737044	A1	19971009	WO 1997-US5223	19970327
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, US, US, US, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2248985	AA	19971009	CA 1997-2248985	19970327
AU 9725984	A1	19971022	AU 1997-25984	19970327
AU 726892	B2	20001123		
ZA 9702715	A	19980625	ZA 1997-2715	19970327
EP 901530	A1	19990317	EP 1997-917731	19970327
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1220703	A	19990623	CN 1997-195113	19970327
BR 9708456	A	19990803	BR 1997-8456	19970327
JP 2000501621	T2	20000215	JP 1997-529649	19970327
NZ 332565	A	20000327	NZ 1997-332565	19970327
NO 9804517	A	19981125	NO 1998-4517	19980928
PRIORITY APPLN. INFO.:			US 1996-625811	A2 19960329

US 1996-758731	A2 19960402
US 1996-736905	A2 19961025
US 1996-738859	A2 19961028
US 1996-761318	A2 19961206
WO 1997-US5223	W 19970327

AB Recombinant or substantially pure preps. of polypeptides and their encoding nucleic acids are described which may be useful for diagnostic and vaccine compns. for *Helicobacter pylori* infection. Thus, *H. pylori* chromosomal DNA was isolated by a standard DNA protocol, nebulized, purified, and sequenced using the multiplex DNA sequencing based on chemical degradation methods. A gene expression system, such as the pET-28b vector system, was selected for cloning and expression of recombinant protein in *Escherichia coli*. Selection of candidate protein antigens for vaccine development are derived from the nucleic acid sequences by analyzing the open reading frames (ORFs) for homol. to other known exported or membrane proteins and using discriminant anal. for predicting exported and membrane proteins. ORF amino acid sequences identified as exported or membrane-associated by the discriminant anal. algorithm are likely protein antigens for vaccine development. Thus, 546 nucleic acid sequences and their derived ORF amino acid sequences are provided. Gene knockout techniques using oligonucleotide primers for cloning, deletion, and targeting are also provided to identify nucleic acids that encode proteins essential for growth or viability, and thereby are preferred drug targets. Strain variation anal. provides nucleic acids, including probes, and peptide and polypeptide sequences that are common to all *H. pylori* strains but are not found in other bacterial species. Cloning, purifn, and characterization of the genes encoding peptidyl-prolyl cis-trans isomerase (ppi) and glutamate racemase (mirI) are described in detail as specific examples, and glutamate racemase activity can be applied in high throughput drug screening assays.

IT 198359-01-2P	198359-02-3P	198359-03-4P	198359-04-5P	198359-05-6P
198359-06-7P	198359-07-8P	198359-08-9P	198359-09-0P	198359-10-3P
198359-11-4P	198359-12-5P	198359-13-6P	198359-14-7P	198359-15-8P
198359-16-9P	198359-17-0P	198359-18-1P	198359-19-2P	198359-20-5P
198359-21-6P	198359-22-7P	198359-23-8P	198359-24-9P	198359-25-0P
198359-26-1P	198359-27-2P	198359-28-3P	198359-29-4P	198359-30-7P
198359-31-8P	198359-32-9P	198359-33-0P	198359-34-1P	198359-35-2P
198359-36-3P	198359-37-4P	198359-38-5P	198359-39-6P	198359-40-9P
198359-41-0P	198359-42-1P	198359-43-2P	198359-44-3P	198359-45-4P
198359-46-5P	198359-47-6P	198359-48-7P	198359-49-8P	198359-50-1P
198359-51-2P	198359-52-3P	198359-53-4P	198359-54-5P	198359-55-6P
198359-56-7P	198359-57-8P	198359-58-9P	198359-59-0P	198359-60-3P
198359-61-4P	198359-62-5P	198359-63-6P	198359-64-7P	198359-65-8P
198359-66-9P	198359-67-0P	198359-68-1P	198359-69-2P	198359-70-5P
198359-71-6P	198359-72-7P	198359-73-8P	198359-74-9P	198359-75-0P
198359-76-1P	198359-77-2P	198359-78-3P	198359-79-4P	198359-80-7P
198359-81-8P	198359-82-9P	198359-83-0P	198359-84-1P	198359-85-2P
198359-86-3P	198359-87-4P	198359-88-5P	198359-89-6P	198359-90-9P
198359-91-0P	198359-92-1P	198359-93-2P	198359-94-3P	198359-95-4P
198359-96-5P	198359-97-6P	198359-98-7P	198359-99-8P	198360-00-8P
198360-01-9P	198360-02-0P	198360-03-1P	198360-04-2P	198360-05-3P
198360-06-4P	198360-07-5P	198360-08-6P	198360-09-7P	198360-10-0P
198360-11-1P	198360-12-2P	198360-13-3P	198360-14-4P	198360-15-5P
198360-16-6P	198360-17-7P	198360-18-8P	198360-19-9P	198360-20-2P
198360-21-3P	198360-22-4P	198360-23-5P	198360-24-6P	198360-25-7P
198360-26-8P	198360-27-9P	198360-28-0P	198360-29-1P	198360-30-4P
198360-31-5P	198360-32-6P	198360-33-7P	198360-34-8P	198360-35-9P
198360-36-0P	198360-37-1P	198360-38-2P	198360-39-3P	198360-40-6P
198360-41-7P	198360-42-8P	198360-43-9P	198360-44-0P	198360-45-1P
198360-46-2P	198360-47-3P	198360-48-4P	198360-49-5P	198360-50-8P
198360-51-9P	198360-52-0P	198360-53-1P	198360-54-2P	198360-55-3P
198360-56-4P	198360-57-5P	198360-58-6P	198360-59-7P	198360-60-0P
198360-61-1P	198360-62-2P	198360-63-3P	198360-64-4P	198360-65-5P
198360-66-6P	198360-67-7P	198360-68-8P	198360-69-9P	198360-70-2P
198360-71-3P	198360-72-4P	198360-73-5P	198360-74-6P	198360-75-7P

198360-76-8P	198360-77-9P	198360-78-0P	198360-79-1P	198360-80-4P
198360-81-5P	198360-82-6P	198360-83-7P	198360-84-8P	198360-85-9P
198360-86-0P	198360-87-1P	198360-88-2P	198360-89-3P	198360-90-6P
198360-91-7P	198360-92-8P	198360-93-9P	198360-94-0P	198360-95-1P
198360-96-2P	198360-97-3P	198360-98-4P	198360-99-5P	198361-00-1P
198361-01-2P	198361-02-3P	198361-03-4P	198361-04-5P	198361-05-6P
198361-06-7P	198361-07-8P	198361-50-1P	198361-51-2P	
198361-52-3P	198361-53-4P	198361-54-5P	198361-55-6P	198361-56-7P
198361-57-8P	198361-58-9P	198361-59-0P	198361-60-3P	198361-61-4P
198361-62-5P	198361-63-6P	198361-64-7P	198361-65-8P	198361-66-9P
198361-67-0P	198361-68-1P	198361-69-2P	198361-70-5P	198361-71-6P
198361-72-7P	198361-73-8P	198361-74-9P	198361-75-0P	198361-76-1P

RL: BPN (Biosynthetic preparation); PRP (Properties); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(amino acid sequence; nucleic acid and amino acid sequences relating to
Helicobacter pylori and vaccine compns.)

=> sel rn 3
E1 THROUGH E5 ASSIGNED

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
20.95	50.05

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.50	-1.50

CA SUBSCRIBER PRICE

FILE 'REGISTRY' ENTERED AT 14:26:50 ON 21 SEP 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4

DICTIONARY FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Effective September 24, 2006, Concord 3D coordinates will no longer
be available. Please contact CAS Customer Care
(<http://www.cas.org/supp.html>) if you have a need for 3D coordinates.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s e1-e5

1	177404-38-5/BI
	(177404-38-5/RN)
1	177404-39-6/BI
	(177404-39-6/RN)

1 187132-18-9/BI
(187132-18-9/RN)
1 206455-87-0/BI
(206455-87-0/RN)
1 207004-67-9/BI
(207004-67-9/RN)
L6 5 (177404-38-5/BI OR 177404-39-6/BI OR 187132-18-9/BI OR 206455-87-0/BI OR 207004-67-9/BI)

=> s 16 and 11
L7 0 L6 AND L1

=> d his

(FILE 'HOME' ENTERED AT 14:24:08 ON 21 SEP 2006)

FILE 'REGISTRY' ENTERED AT 14:24:20 ON 21 SEP 2006
L1 0 S GCCA/SQSL
L2 3545 S GCCA/SQSP

FILE 'CAPLUS' ENTERED AT 14:24:55 ON 21 SEP 2006
L3 252 S L2/THU
L4 35 S L3 AND INFECTION
L5 4 S L4 NOT PY>2001
SEL RN 3

FILE 'REGISTRY' ENTERED AT 14:26:50 ON 21 SEP 2006
L6 5 S E1-E5
L7 0 S L6 AND L1

=> s 16 and 12
L8 1 L6 AND L2

=> d rn sql seq

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 206455-87-0 REGISTRY
SQL 213

SEQ 1 GCAAGCAACT TTGACTGCTG TCTTGGATAC ACAGACCGTA TTCTTCATCC
51 TAAATTTATT GTGGGCTTCA CACGGCAGCT GGCCAATGAA GGCTGTGACA

=====

101 TCAATGCTAT CATCTTTCAC ACAAAGAAAA AGTTGTCTGT GTGCGCAAAT
151 CCAAAACAGA CTTGGGTGAA ATATATTGTG CGTCTCCTCA GTAAAAAAGT
201 CAAGAACATG TAA

HITS AT: 82-85

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
6.93	56.98

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.50

CA SUBSCRIBER PRICE

FILE 'CAPLUS' ENTERED AT 14:28:23 ON 21 SEP 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available

for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Sep 2006 VOL 145 ISS 13
FILE LAST UPDATED: 20 Sep 2006 (20060920/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> d his

(FILE 'HOME' ENTERED AT 14:24:08 ON 21 SEP 2006)

FILE 'REGISTRY' ENTERED AT 14:24:20 ON 21 SEP 2006

L1 0 S GCCA/SQSL
L2 3545 S GCCA/SQSP

FILE 'CAPLUS' ENTERED AT 14:24:55 ON 21 SEP 2006

L3 252 S L2/THU
L4 35 S L3 AND INFECTION
L5 4 S L4 NOT PY>2001
SEL RN 3

FILE 'REGISTRY' ENTERED AT 14:26:50 ON 21 SEP 2006

L6 5 S E1-E5
L7 0 S L6 AND L1
L8 1 S L6 AND L2

FILE 'CAPLUS' ENTERED AT 14:28:23 ON 21 SEP 2006

=> sel rn 15 2
E6 THROUGH E10 ASSIGNED

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.54	57.52
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

FILE 'REGISTRY' ENTERED AT 14:28:43 ON 21 SEP 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4
DICTIONARY FILE UPDATES: 20 SEP 2006 HIGHEST RN 908067-83-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

Effective September 24, 2006, Concord 3D coordinates will no longer be available. Please contact CAS Customer Care (<http://www.cas.org/supp.html>) if you have a need for 3D coordinates.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s e6-e10

```
1 151-21-3/BI
  (151-21-3/RN)
1 218780-80-4/BI
  (218780-80-4/RN)
1 218780-81-5/BI
  (218780-81-5/RN)
1 9025-54-1/BI
  (9025-54-1/RN)
1 994-36-5/BI
  (994-36-5/RN)
```

L9 5 (151-21-3/BI OR 218780-80-4/BI OR 218780-81-5/BI OR 9025-54-1/BI
OR 994-36-5/BI)

=> s l9 and l2

L10 1 L9 AND L2

=> d rn sql seq

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 218780-80-4 REGISTRY
SQL 500

```
SEQ      1 MATVTKAPKK QIQFADDMQE FTKFPTKTGR RSLSRISISQS STDSYSSAAS
        51 YTDSSDDEVS PREKQQTNSK GSSNFCVKNI KQAEFGRREI EIAEQDMSAL
       101 ISLRKRAQGE KPLAGAKIVG CTHITAQTAV LIETLCALGA QCRWSACNIY
       151 STQNEVAAAL AEAGVAVFAW KGESEDDFWW CIDRCVNMDG WQANMILDDG
       201 GDLTHWVCKK YPNVFEKKIRG IVEESVTGVH RLYQLSKAGK LCVPMNVND
       251 SVTKQKFDNL YCCRESILDG LKRTTDMVFG GKQVVVCGYG EVGKGCCAAL
              =====
       301 KALGAIVYIT EIDPICALQA CMDGFRVVKL NEVIRQVDVV ITCTGNKNVV
       351 TREHLDRMKN SCIVCNMGHS NTEIDVTSR TPELTWERVR SQVDHVIWPD
       401 GKRVLVLLAEG RLLNLSCSTV PTFVLSITAT TQALALIELY NAPEGRYKQD
       451 VYLLPKKMDE YVASLHLPSP DAHLTELTDQ QAKYLGLNKN GPFKPNYYRY
```

HITS AT: 295-298

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y